

SYSTEM AND METHOD FOR A SOFTWARE STEERABLE
WEB CAMERA WITH MULTIPLE IMAGE SUBSET CAPTURE

5 **ABSTRACT OF THE DISCLOSURE**

An apparatus for controlling the capture of an image of an object, includes: a lens capable to capture a scene within a wide field of vision of the lens; an image collection array communicatively coupled to the lens and
10 capable to store data of the scene within the wide field of vision; a memory communicatively coupled to the image collection array and capable to store digitized data of the scene within the wide field of vision; and a processing stage communicatively coupled to the memory and capable to
15 select a plurality of subsets of the digitized data of the scene in order to generate an image of the captured scene.